



VISHNU
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NEWS LETTER

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Vishnu Institute Of Technology
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VISHNU INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi: Affiliated to JNT University, Kakinada.
Vishnupur, Bhimavaram – 534202 :: West Godavari Dist. A.P.

Department of Electrical & Electronics Engineering

VISION OF THE DEPARTMENT

To be recognized as a Centre of Excellence in the field of Education and Research so as to produce Competent & Ethical Engineers capable enough to contribute to the society.

MISSION OF THE DEPARTMENT

- To develop innovative, efficient and proficient electrical engineers.
- To keep the curriculum industry friendly, with due regard to the University curriculum.
- To be a place for innovative blended learning and entrepreneurship development in multi-disciplinary areas.
- To promote ethical and moral values among the students so as to make them emerge as responsible professionals.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

PEO.1: To produce Electrical and Electronics Engineering graduates who have strong foundation in Mathematics, Sciences and Basic Engineering.

PEO.2: To provide intensive training in problem solving, laboratory skills and design skills to use modern engineering tools through higher education and research.

PEO.3: Ability to pursue higher studies and to seek employment in a variety of engineering technology positions and work successfully in their chosen career aspirations and generate entrepreneurs

PEO.4: To inculcate in students professional and ethical attitude, effective communication skills, teamwork skills, multidisciplinary approach, and an ability to relate engineering issues to broader social context through life-long learning.



Illuminations

Green Champion Award



Mahatma Gandhi National Council of Rural Education (MGNCRE), MoE, GOI, has selected Vishnu Institute of Technology for "One District One Green Champion Award" for the year 2020-2021

Principal Dr. D Suryanarayana has received the District Green Champion Award (E Certificate), from the West Godavari District Collector in an online meeting held on 26-07-2021 .

Team Blue Leo from VISHNU won the prestigious award CHATTRA VISHWAKARMA AWARD 2020



The most auspicious day for the team Blue Leo from Vishnu Institute of Technology won the prestigious award CHATTRA VISHWAKARMA AWARD 2020 from the honorable central educational minister Mr. Dharmendra Pradhan held on 05 September 2021 at AICTE Headquarters, New Delhi.

Focus on Students during the Pandemic



During the Pandemic , students made a transition from face to face learning to the online mode. This being extended over a considerable period of time, students were cut off from their college environment missing the much needed interaction with their classmates, rapport with the faculty and a spirit of belongingness. Environment plays a role leading in this extrinsic motivation. As the resources of this channel began dwindling, maintaining focus and having motivation became a challenge for both the learners and the teachers.

In attempt to raise motivation for constructive student engagement , the leadership team of SVES, with Chairman Sri K V Vishnu Raju at the helm, convened small gatherings of students physically at various venues which were in proximity to the students residences.

Placement season, fast approaching, students were motivated to cultivate resilience , develop intrinsic motivation that would keep them going, and to make effective utilization of time. They were made to realize that efforts do make a DIFFERENCE.

Student Participations



- Mr. Kesireddy Bharghav V M Shankar , G.Anusha , M.Paramesh , G V Prudhvi , V Surendhra had participated in National Innovation Contest 2020 at New Delhi on 2/10/2021 with the project title Multipurpose Rescue Drone .
- S.Sai Kumar , V Sai Keerthana , J Himakanth , Ameer Basha , K.Priyanka had participated in National Innovation Contest 2020 at New Delhi on 2/10/2021 with the project title Smart Water Management System .

Faculty Publications

- Kasireddy I., Nasir A.W., Rahul, Rama Rao R.V.D. (2021) Stable Zones of Fractional Based Controller for Two-Area System Having Communication Delay. In: Sheth A., Sinhal A., Shrivastava A., Pandey A.K. (eds) Intelligent Systems. Algorithms for Intelligent Systems. Springer, Singapore.
- S. Pragaspathy, Hybrid Renewable Energy Fed Battery Electric Vehicle Charging Station, ICESC 2021, 2021.
- Bhoopal, N., Rao, D.S.M., Narukullapati, B.K., Kasireddy, I., Kumar, D.G. (2021). Selective harmonic elimination based THD minimization of a symmetric 9-level inverter using ant colony optimization. Mathematical Modelling of Engineering Problems, Vol. 8, No. 5, pp. 769-774. <https://doi.org/10.18280/mmep.080512>
- Ramesh, K., Madasu, S. D., & Kasireddy, I. (2022). Real-Time Monitoring of Smart Meters Based on Blockchain Technology. In N. Jain, J. Maherchandani, N. Agrawal, & T. Gupta (Ed.), Optimal Planning of Smart Grid With Renewable Energy Resources (pp. 208-218). IGI Global.
- S. Pragaspathy, Photovoltaic based Hybrid Integration of DC Microgrid into Public Ported Electric Vehicle, CRC Press (Taylor & Francis), 2021.(Accepted)
- NSD Prakash Korlepara, G Phani Chandra, B Seshagiri, VSN Narasimha Raju, N Veeraiah, S Pragaspathy, Novel freshness indication packaging technology for frozen shrimps, 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), pp.1-5.
- VSN NarasimhaRaju, M Premalatha, S Pragaspathy, NSDP Korlepara, Implementation of Instantaneous Symmetrical Component Theory based Hysteresis Controller for DSTAT-COM, 2021 International Conference on Advancements in Electrical, Electronics, 2021.

- R. Sureshkumar¹, S. J. Suji Prasad², G. Karthikeyan³, Ch. Phani Kumar⁴, and S. V. Pravina, Three phase induction motor position control using V20 drive, AIP Conference Proceedings , Volume 2387, Issue 1, 2021. 10.1063/5.0068770.
- KS Kumar, AW Nasir, P Mani, I Kasireddy, M SivaramKrishnan, Design and Investigation of Bio-inspired Optimization based I-PD controller for pH Neutralization Process, 2021 2nd International Conference on Smart Electronics and Communication (ICOSEC), pp. 739-744, 2021.
- Mamatha, Grounding technology in floating solar PV applications, 5th International conference on electronics,communication and Aerospace Technology, 2021.(Accepted)
- S Pragaspathy, RVD Rama Rao, KNSD Prakash, Analysis and Appropriate Choice of Power Converters for Electric Vehicle Charging Infrastructure, ICAIS 2022.(accepted)
- B. Swamy, N. Veeraiah, E. Nagaraju and B. N. C. V. Chakravarthi, "Review of Non-Conventional power electronic converters for Solar PV with Non-linear loads," 6th International Conference on Communication and Electronics Systems (ICCES), 2021, pp.358-361.
- I. Kasireddy, A. W. Nasir, S. K. Reddy, N. Veeraiah, "Determination of stable zones of LFC for a power system considering communication delay," International Conference on Research in Sciences, Engineering and Technology (ICRSET 2021), February 12-13, 2021.
- Ch. Phani Kumar, N. Veeraiah, P.Naveen "Mitigation of Uncertainties in Hybrid Renewable Energy Systems" has been published in International Journal of Engineering Research & Technology (IJERT) during January, 2021 Vol. 10 Issue 01, January-2021 ISSN: 2278-0181

Placement



COMPANY	NO. OF STUDENTS PLACED
TCS	47
Capgemini	16
Cognizant	09
Infosys	13
Planet Park	02
Tech Mahindra	02
Wipro	18